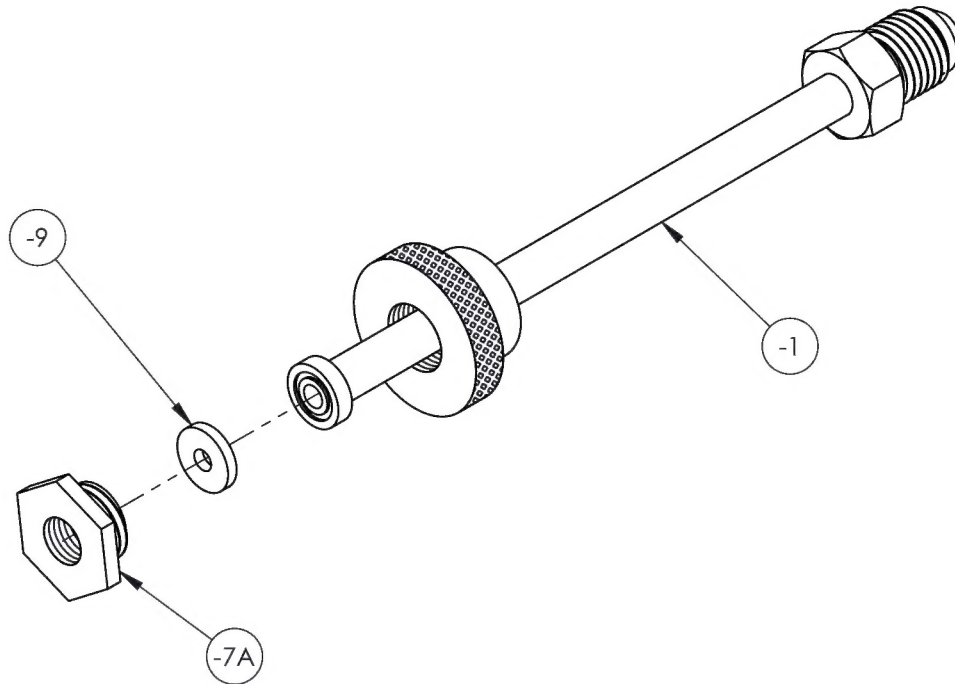


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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1		MERGED -7, -8 & -9 INTO -7 AS BUYOUT. DELETED PAGE 4. -5 CH'D TUBE DIMENSIONS, WAS $\varnothing.180/\varnothing.250$, IS $\varnothing.210/\varnothing.280$.	9/14/2010	WP	DW
2		-5 CH'D MATERIAL FROM BRASS TO 303/304, ADDED EXTRA GASKET RELIEF. MERGED -7, -9, AND -11 INTO -7 ASSEMBLY.	9/20/2010	WP	DW
A2		CORRECTED P/N WAS RBW109-351-08-115 IS RBW109-3501-08-115. -5 CH'D ID FROM $\varnothing.115$ TO $\varnothing.156$.	6/26/2012	JAG	SE
2A		UPDATED SHEET FORMATS AND DRAFTING STANDARDS. SEPARATED -3 & -5 TO INDIVIDUAL SHTS. ADDED -7A TO BOM.	10/16/2013	CFS	RW
3	16-0208	-3 CH'D DIM WAS $\varnothing.24 \pm .001$ IS $\varnothing.242 \pm .001$. -5 CH'D DIM'S WAS $\varnothing.156$ IS $\varnothing.135 \pm .030$, WAS $\varnothing.240$ (S.F. -3) IS $\varnothing.240 +.000/-002$ (S.F. -3), WAS $\varnothing.375$ IS $\varnothing.38$. DELETED NOTE 1 SHEET 1.	11/2/2016	RJC	JAG

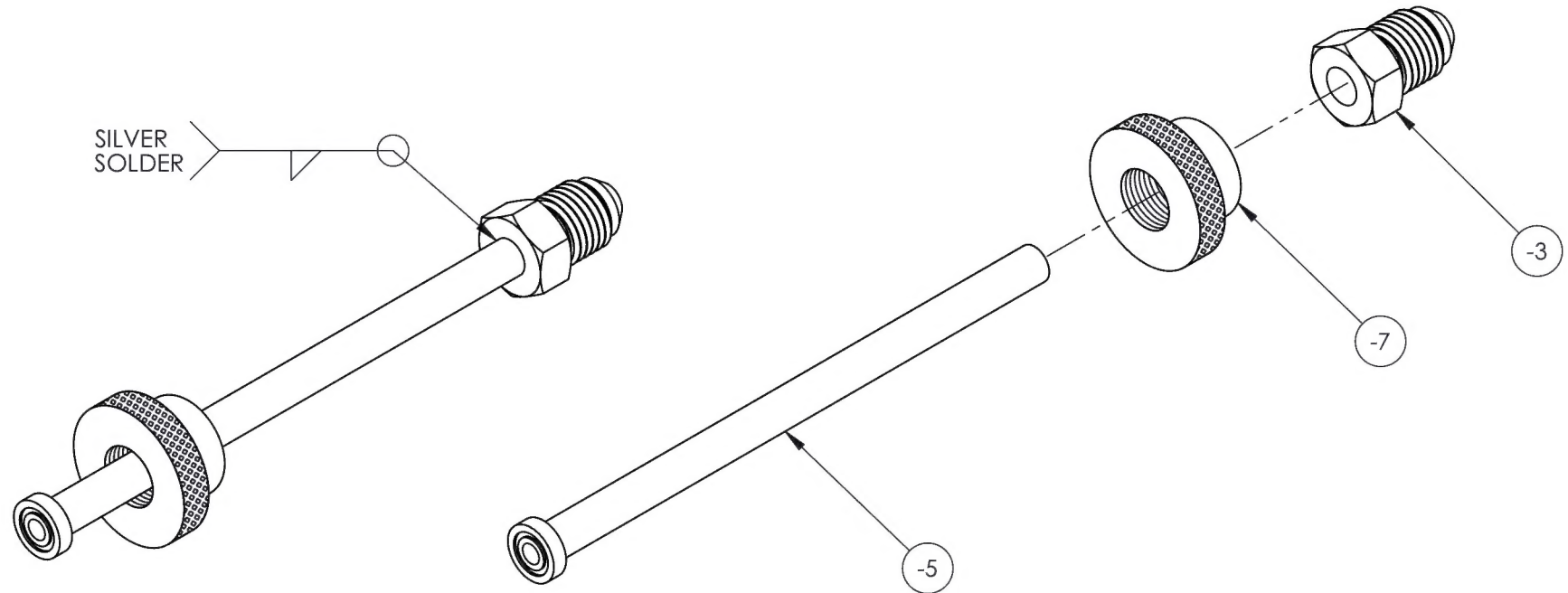


ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
	X		-1	1	SOLDER ASSY.			2
	1		-3		FLARED FITTING, 37°	316 S.S.	7/16-20 FOR 1/4 OD TUBE (MCMaster-CARR #50715K522) MODIFIED	3
	1		-5		TUBE	304 S.S.		4
	1		-7		FITTING, THUMB NUT		(AIRCRAFT SPRUCE #06-11700 SCHRADER #6116) MODIFIED	2
			-7A	1	FITTING, HEX NUT		PART OF -7	1
		B/O	-9	1	GASKET	HARD FIBER	(AIRCRAFT SPRUCE #SK2043-5)	1
	ASSY -1							

DART AEROSPACE	
TITLE ADAPTER, L/G SHOCKSTRUTS NITROGEN CHARGE	
DWG NO. RBW109-3501-08-115	REV 3
MAT'L FEAT TREAT FINISH	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± 5° .X ± .1 SURFACES = 125
SPEC	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
DRAWN BY: PERRITT	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
CHECKED: DUERFELDT	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
OPPS APPR: ANDERSON	USED ON MODEL
QA APPR: LINDSAY	AGUSTA AW139
APPROVED: GILBERT	
SCALE 1:1	DATE 4/23/2010
SHEET 1 OF 4	

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REVISIONS				
REV	ECR	DESCRIPTION	DATE	INITIAL
				APPROVED

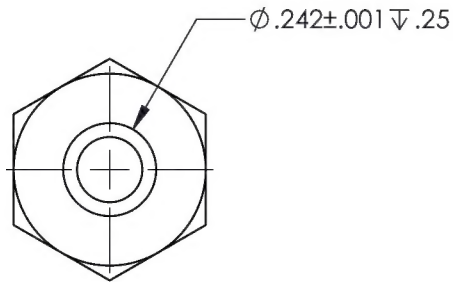
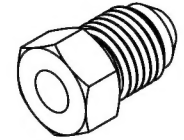


(1)
SOLDER ASSY.

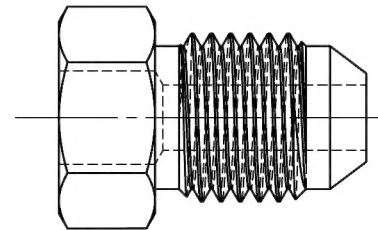
DART AEROSPACE	
TITLE ADAPTER, L/G SHOCKSTRUTS NITROGEN CHARGE	
DWG NO. RBW109-3501-08-115-1	REV 3
MAT'L	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH	.XXX ± .005 FRACTIONS ± 1/8
SPEC	.XX ± .01 ANGLES ± .5°
	.X ± .1 SURFACES = 125/✓
DRAWN BY: PERRITT	1. BREAK ALL SHARP EDGES
CHECKED: DUERFELDT	.015 x 45° OR .015R
OPPS APPR: ANDERSON	2. DIMENSIONAL LIMITS APPLY
QA APPR: LINDSAY	AFTER PLATING
APPROVED: GILBERT	3. INTERPRET DIM AND TOL PER
	ASME Y14.5M-2009
SCALE 1:1	DATE 4/23/2010
	SHEET 2 OF 4

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
3	16-0208	-3 CH'D DIM WAS Ø.24 ∇ .25 IS Ø.242 \pm .001 ∇ .25.	11/2/2016	RJC	JAG



HIDDEN LINES OMITTED
FOR CLARITY

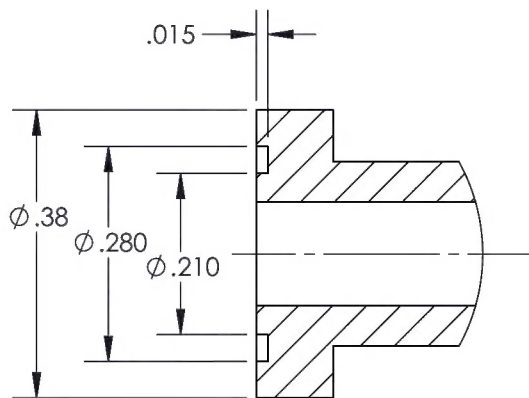


(-3)

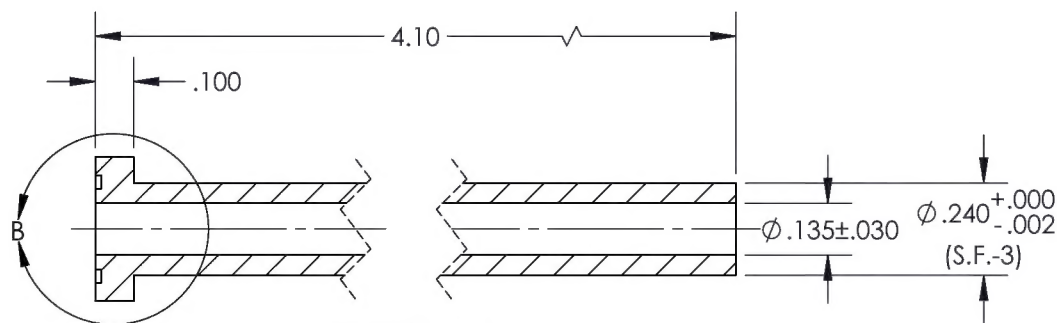
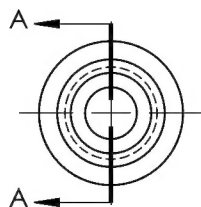
FLARED FITTING, 37°

DART AEROSPACE	
TITLE ADAPTER, L/G SHOCKSTRUTS NITROGEN CHARGE	
DWG NO. RBW109-3501-08-115-3	REV 3
MAT'L 316 S.S.	UNLESS OTHERWISE SPECIFIED
HEAT TREAT FINISH	DIMENSIONS ARE IN INCHES
SPEC	.XXX \pm .005 FRACTIONS \pm 1/8
DRAWN BY: PERRITT	.XX \pm .01 ANGLES \pm .5°
CHECKED: DUERFELDT	.X \pm .1 SURFACES = 125°
OPPS APPR: ANDERSON	1. BREAK ALL SHARP EDGES
QA APPR: LINDSAY	.015 x 45° OR .015R
APPROVED: GILBERT	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
SCALE 2:1	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
DATE 4/23/2010	USED ON MODEL
SHEET 3 OF 4	AGUSTA AW139

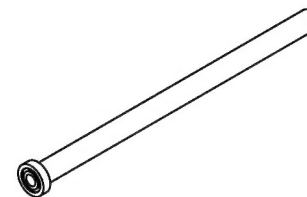
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DETAIL B
SCALE 4 : 1



SECTION A-A



(5)

TUBE

REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1		-5 CH'D TUBE DIMENSIONS, WAS $\phi .180 / \phi .250$, IS $\phi .210 / \phi .280$.	9/14/2010	WP	DW
2		-5 CH'D MATERIAL FROM BRASS TO 303/304, ADDED EXTRA GASKET RELIEF.	9/20/2010	WP	DW
A2		-5 CH'D ID FROM $\phi .115$ TO $\phi .156$.	6/26/2012	JAG	SE
3	16-0208	-5 CH'D DIM'S WAS $\phi .156$ IS $\phi .135 \pm .030$, WAS $\phi .240$ (S.F. -3) IS $\phi .240 +.000 / -.002$ (S.F. -3), WAS $\phi .375$ IS $\phi .38$.	11/2/2016	RJC	JAG

DART AEROSPACE	
TITLE ADAPTER, L/G SHOCKSTRUTS NITROGEN CHARGE	
DWG NO. RBW109-3501-08-115-5	REV 3
MAT'L 304 S.S.	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
HEAT TREAT FINISH	.XXX \pm .005 FRACTIONS \pm 1/8
SPEC	.XX \pm .01 ANGLES \pm 5°
	.X \pm .1 SURFACES = 125
DRAWN BY: PERRITT	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
CHECKED: DUERFELDT	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
OPPS APPR: ANDERSON	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
QA APPR: LINDSAY	USED ON MODEL
APPROVED: GILBERT	AGUSTA AW139
SCALE 2:1	DATE 4/23/2010
SHEET 4 OF 4	